LABDEX

Homogenizer LX787H

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Description

Homogenizer LX787H is a refrigerated homogenizer that has an internal compressor and the sample will change to crisper which can be homogenized easily with a sealed grinding chamber and the lowest temperature range up to -40°C and speed range of 4ms to 7ms. Disposable tubes prevent cross-contamination or sample degradation.

Specifications

Display	OLED
Temperature range	10°C ~ 40°C
Temperature uniformity	≤±2°C
Speed range	2430 rpm ~ 4260 rpm (Increment 10rpm)
Pause time	1s ~ 90s (Increment 1s)
Samples	24 x 2 ml / 1.5 ml or 12 x 5 ml
Cycle duration	1s ~ 90s (Increment 1s)
Cycle	10
Stored program	50
Acceleration time	< 4 s
Deceleration time	< 4 s
Noise	< 70 dB
Power	1000 W
Power supply	AC 100 ~ 240 V, 50 / 60 Hz
Dimensions	690 × 500 × 570 mm
Net weight	41 Kg
Gross weight	58 Kg

Features

- Built-in eddy fan to let the temperature difference ≤2°C in the grinding chamber to ensure consistent

homogenization effect

- The removable sample tube holder
- Accurate setting of lysis time and speed that saves up to 50 programs
- Refrigeration by fluorine-free compressors that is pollution-free
- Disposable tubes preventing cross-contamination
- Equipped with open lid protection and emergency braking function
- Multiple materials and diameter beads for the choice of different types of samples
- Process 24 x 2ml sample or 12 x 5ml samples simultaneously
- Available for both dry grinding and wet grinding function
- Complete homogenization duration – 35s

Applications

- Used in dairy, food, chemical industries etc. for quick and steadily extraction of DNA / RNA / protein from samples in bulk, and preserve the integrity of bio macromolecule

Standard Accessories

- Rotor for 24 x 2 ml / 1.5 ml

Optional Accessories

- H1. Rotor for 12 x 5.0 ml
- H2. 2.0 ml Grinding tube
- H3. 5.0 ml Grinding tube
- H4. Φ 1.4 mm Silica beads
- H5. Φ 2.8 mm Silica beads
- H6. Φ 3 mm Metal beads
- H7. Φ 6 mm Metal beads
- H8. Φ 0.2 mm Glass beads
- H9. Φ 0.5 mm Glass beads

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